



DEVELOPED
BY FARMERS FOR
FARMERS

ZM-GROW™

PREMIUM FOLIAR FERTILIZER

Extracted and purified from used alkaline batteries.

ZM-Grow™ belongs to Tracegrow's product line of circular economy fertilizers.

Why use ZM-Grow™?

Zinc and manganese deficiencies limit crop yields and cause financial losses, so correcting these deficiencies is highly important for the farmer. ZM-Grow is applied by mixing with water and spraying onto the plant's leaves. This way the micronutrients are absorbed directly into the plant.

Foliar application is an efficient way of correcting micronutrient deficiencies in plants. In addition, they can also be applied along with NPK-fertilizers through the soil. The most effective method of increasing micronutrient content is by application through combined foliar and soil fertilization.

Correcting micronutrient deficiencies increases the vigor and value of plants. The manganese content of ZM-Grow can also improve the plant's resistance to cold conditions when applied before vernalization.

When the plant's vigor and metabolism are improved with zinc and manganese, the plant can also use NPK-fertilizers more efficiently, providing the plant with balanced nutrition.

Benefits and features

- A sustainable product, extracted and purified from used alkaline batteries
- Effective for conventional and organic farming
- Absorbs via plant leaves effectively because it is a 100% sulphate solution
- Has increased crop yields up to 1500 kg/ha
- Mixes well with common herbicides, fungicides and other agrichemicals
- Flows smoothly out of the container, because ZM-Grow™ is free of any solid particles
- Effortless to spray, because ZM-Grow™ does not block sprayer nozzle filters



ZM-GROW™

Total average nutrient concentration:

Zinc	60 g/l (4,4 %)	pH	3,9
Manganese	67 g/l (4,9 %)	Density	1,36 kg/l
Sulphur	75 g/l (5,5 %)		

Dosing: 2-3 L/ha mixed with 200-400 L of water

Type designation: E.2.4 Solid or fluid mixture of micronutrients.

ZM-Grow™ fertilizer product is approved for organic farming in the EU, UK and Australia and is in accordance with the European Commission Regulation (EC) No 2018/848.

Tracegrow's technology is patented, and manufacturing follows the ISO 9001 and 14001 standards. The technology has collected many prizes, like the Circwaste price of the Finnish Environmental Institute.

